

Serial No.: 09/408,924

Response to Office Action mailed April 7, 2004

AMENDMENT TO THE CLAIMS

COPY

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An information handling system, comprising:
a processor for executing a program of instructions on the information handling system; and
a memory coupled to said processor for storing a program of instructions executable by said processor, said program of instructions capable of presenting an electronic program guide of viewable programs, storable in said memory and executable by said processor, and capable of enabling the information handling system to communicate with devices coupled to said information handling system via a network such that information encoded in a signal made available by the devices may be received and processed by the information handling system,
wherein the program of instructions, when executed, is capable of permitting a search for devices coupled to the network, identifying the devices coupled to the network, determining which of the devices are tuning sources based on information from a device registry of the network, and adding those devices determined to be tuning sources to the electronic program guide as available tuning sources.
2. (Previously Presented) The information handling system as claimed in claim 1, further comprising a display coupled to the information handling system for displaying the electronic program guide.
3. (Previously Presented) The information handling system as claimed in claim 1, further comprising a display coupled to the information handling system for displaying the information encoded in a signal made available by at least one of the devices.

COPY

Serial No.: 09/408,924

Response to Office Action mailed April 7, 2004

COPY

4. (Original) The information handling system as claimed in claim 1, wherein capabilities of said device to provide content to said display via the information handling system are incorporated into the program guide such that said device may be utilized by the information handling system.
5. (Previously Presented) The information handling system as claimed in claim 1, wherein at least one of the devices may be accessed via a distinct channel of the electronic program guide.
6. (Currently Amended) An information handling system, comprising:
means for executing a program of instructions on the information handling system; and
means, coupled to said executing means, for storing a program of instructions executable by said executing means, said program of instructions capable of presenting an electronic program organizing means for viewing programs, storable in said storing means and executable by said executing means, and capable of enabling the information handling system to communicate with devices coupled to said information handling system via means for coupling electronic devices such that information encoded in a signal made available by the devices may be received and processed by the information handling system,
wherein the program of instructions, when executed, are capable of permitting a search for devices coupled to the means for coupling electronic devices, identifying the devices coupled to the means for coupling electronic devices, determining which of the devices are tuning sources based on information from a device registry of the network, and adding those devices determined to be tuning sources to the electronic program guide as available tuning sources.
7. (Previously Presented) The information handling system as claimed in claim 6, further comprising means for displaying information coupled to the information handling system for displaying said electronic program organizing means.

COPY

Docket No.: P1448US00

Serial No.: 09/408,924

Response to Office Action mailed April 7, 2004

COPY

8. (Previously Presented) The information handling system as claimed in claim 6, further comprising means for displaying information coupled to the information handling system for displaying the information encoded in a signal made available by the devices.
9. (Previously Presented) The information handling system as claimed in claim 6, wherein capabilities of the devices to provide content to said display means via the information handling system are incorporated into the electronic program organizing means such that each of the devices may be utilized by the information handling system.
10. (Previously Presented) The information handling system as claimed in claim 6, wherein at least one of the devices may be accessed via a distinct channel of the electronic program organizing means.
11. (Currently Amended) A method for utilizing a program guide with an information handling system, comprising the following steps:
- generating program guide data for programming information available from a first device coupled to the information handling system;
 - monitoring for the presence of additional devices coupled to the information handling system via a network;
 - identifying at least one device coupled to the information handling system;
 - determining whether the identified device is capable of providing programming material based on information from a device registry of the network ~~being utilized as a program source~~; and
 - in the event the identified device is determined to be capable of providing programming material ~~being utilized as a program source~~, adding access to such program source via the device to the program guide.
12. (Previously Presented) The method as claimed in claim 11, further comprising the step of enabling control of the identified device via the program guide.

Docket No.: P1448US00

COPY

Serial No.: 09/408,924

Response to Office Action mailed April 7, 2004

COPY

13. (Original) The method as claimed in claim 11, further comprising the following steps:

determining whether a channel of the identified device conflicts with a channel of the program guide,

in the event it is determined that a channel of the identified device conflicts with a channel of the program guide, mapping the channel of the identified device to a virtual channel on the program guide, and

otherwise mapping the channel of the identified device to an actual channel of the program guide.

14. (Original) The method as claimed in claim 11, further comprising the step of displaying a program received from the identified device on a display coupled to the information handling system.

15. (Original) The method as claimed in claim 11, further comprising the step of simultaneously receiving a program from the first device and the identified device at the information handling system.

16. (Original) The method as claimed in claim 11, further comprising the step of simultaneously displaying a program received from the first device and the identified device on a display coupled to the information handling system.

17. (Original) The method as claimed in claim 11, said identifying step including the step of obtaining device information from a registry of the network.

18. (Original) The method as claimed in claim 11, said step of determining whether the identified device is capable of being utilized as a program source including the step of obtaining device information from a registry of the network.

19. (Original) The method as claimed in claim 11, further comprising the step of, in the event it is determined that the identified device is capable of being utilized as a

Docket No.: P1448US00

COPY

Serial No.: 09/408,924

Response to Office Action mailed April 7, 2004

COPY

program source, continuing the method with said identifying step for additional devices that may be available to the network.

20. (Original) The method as claimed in claim 12, said controlling step including the step of tuning to a program signal generated by the identified device via the program guide.
21. (Original) The method as claimed in claim 11, said monitoring step including the step of enabling the information handling system to search for the presence of additional devices.
22. (Original) The method as claimed in claim 11, said monitoring step including the step of enabling at least one additional device to notify the information handling system of said at least one additional device's presence.
23. (Currently Amended) A program of instructions storable on a medium readable by an information handling system for causing the information handling system to execute steps for utilizing a program guide on the information handling system, the steps comprising:
- generating program guide data for programming information available from a first device coupled the information handling system;
 - monitoring for the presence of additional devices coupled to a network to which the information handling system is coupled;
 - identifying at least one device coupled to the network;
 - determining whether the identified device is capable of providing programming material based on information from a device registry of the network ~~being utilized as a program source~~; and
 - in the event the identified device is determined to be capable of providing programming material ~~being utilized as a program source~~, adding the device to the program guide.

COPY

Docket No.: P1448US00

7

Serial No.: 09/408,924

Response to Office Action mailed April 7, 2004

- COPY**
24. (Original) The program of instructions as claimed in claim 23, further comprising the step of enabling control of the device via the program guide.
25. (Original) The program of instructions as claimed in claim 23, further comprising the following steps:
- determining whether a channel of the identified device conflicts with a channel of the program guide,
 - in the event it is determined that a channel of the identified device conflicts with a channel of the program guide, mapping the channel of the identified device to a virtual channel on the program guide, and
 - otherwise mapping the channel of the identified device to an actual channel of the program guide.
26. (Original) The program of instructions as claimed in claim 23, further comprising the step of displaying a program received from the identified device on a display coupled to the information handling system.
27. (Original) The program of instructions as claimed in claim 23, further comprising the step of simultaneously receiving a program from the first device and the identified device at the information handling system.
28. (Original) The program of instructions as claimed in claim 23, further comprising the step of simultaneously displaying a program received from the first device and the identified device on a display coupled to the information handling system.
29. (Original) The program of instructions as claimed in claim 23, said identifying step including the step of obtaining device information from a registry of the network.
- COPY**

Serial No.: 09/408,924

Response to Office Action mailed April 7, 2004

COPY

30. (Original) The program of instructions as claimed in claim 23, said step of determining whether the identified device is capable of being utilized as a program source including the step of obtaining device information from a registry of the network.
31. (Original) The program of instructions as claimed in claim 23, further comprising the step of, in the event it is determined that the identified device is capable of being utilized as a program source, continuing the method with said identifying step for additional devices that may be available to the network.
32. (Original) The program of instructions as claimed in claim 24, said controlling step including the step of tuning to a program signal generated by the identified device via the program guide.
33. (Original) The program of instructions as claimed in claim 23, said monitoring step including the step of enabling the information handling system to search for the presence of additional devices.
34. (Original) The program of instructions as claimed in claim 23, said monitoring step including the step of enabling at least one additional device to notify the information handling system of said at least one additional device's presence.
35. (Previously Presented) The information handling system as claimed in claim 1, wherein the program of instructions, when executed, is capable of determining if there is a channel conflict.
36. (Previously Presented) The information handling system as claimed in claim 35, wherein, if it is determined there is a channel conflict, a tuning source is mapped to a virtual channel.

COPY

Serial No.: 09/408,924

Response to Office Action mailed April 7, 2004

COPY

37. (Previously Presented) The information handling system as claimed in claim 35, wherein, if it is determined there is no channel conflict, a tuning source is mapped to an actual channel.
38. (Previously Presented) The information handling system as claimed in claim 6, wherein the program of instructions, when executed, is capable of determining if there is a channel conflict.
39. (Previously Presented) The information handling system as claimed in claim 38, wherein, if it is determined there is a channel conflict, a tuning source is mapped to a virtual channel.
40. (Previously Presented) The information handling system as claimed in claim 38, wherein, if it is determined there is no channel conflict, a tuning source is mapped to an actual channel.
41. (Currently Amended) A method for utilizing an electronic program guide with an information handling system, comprising:
generating electronic program guide data;
searching for devices coupled to a network;
identifying devices coupled to the network;
determining the identified devices which are tuning sources based on information from a device registry of the network; and
adding the identified devices determined to be tuning sources to the electronic program guide data as available turning sources.
42. (Previously Presented) The method as claimed in claim 41, further comprising determining if there is a channel conflict amongst the identified devices determined to be tuning sources.

COPY

Serial No.: 09/408,924

Response to Office Action mailed April 7, 2004

COPY

43. (Previously Presented) The method as claimed in claim 42, further comprising, if there is determined to be a channel conflict, mapping a corresponding one of the tuning sources to a virtual channel.

44. (Previously Presented) The method as claimed in claim 42, further comprising, if there is not determined to be a channel conflict, mapping a corresponding one of the tuning sources to an actual channel.

COPY